

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014865

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H01L21/52, H01L21/301

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ H01L21/52, H01L21/301

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-266183 A (Texas Instruments Japan Ltd.), 07 October, 1997 (07.10.97), Full text; all drawings	1-4, 6, 9-10, 12-14
A	Full text; all drawings & EP 786802 A2 & PH 199755338 B1 & TW 327250 B & US 6007920 A	5, 7-8, 11, 15-20
Y	JP 2002-265888 A (Hitachi Chemical Co., Ltd.), 18 September, 2002 (18.09.02), Par. Nos. [0028] to [0029]; Fig. 2 & KR 4029939 A & WO 2001/074962 A1	1-6, 9-10, 12-14

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
27 October, 2004 (27.10.04)

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Name and mailing address of the ISA/
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-353252 A (Hitachi Chemical Co., Ltd.), 06 December, 2002 (06.12.02), Full text; all drawings (Family: none)	2-4, 6, 9-10, 12-14
Y	JP 9-263734 A (Texas Instruments Japan Ltd.), 07 October, 1997 (07.10.97), Full text; all drawings	2-6, 9-10, 12-14
A	Full text; all drawings & EP 786802 A2 & KR 97060413 A & PH 199755338 B1 & SG 54459 A1 & TW 327250 B & US 5882956 A & US 6007920 A	1, 7-8, 11, 15-20